User's Manual

USB to IDE 3.5" HDD enclosure

1. Introduction

Congratulations on your purchase of the USB to IDE 3.5" hard disk enclosure. This USB IDE 3.5" hard disk enclosure integrated circuit provides a high-speed bridge the Universal Serial Bus (USB) and IDE 3.5" hard disk. The user will be able to customize the chip and show their identity through the external serial EEPROM support.

2. Package Content

Hardware:

- USB IDE 3.5" Hard disk enclosure;
- Power supply
- USB A-B cable

Software:

- Driver software on CD-ROM
- User's Manual

3. Product Features

- USB specification revision 1.1 compliant
- Portable 3.5" hard disk, easy way to backup files.
- 512 Bytes unified data buffer dynamically allocated for upstream and downstream data transfer: Up to 900 KB/sec
- Support ATAPI-4 compatible 3.5" hard disks.

4. System Requirements

PC

- IBM PC 486DX4-100 MHz or higher or compatible system
- Available USB port
- CD-ROM drive
- Windows® 98, Windows® ME, Windows® 2000

MAC

- Power PC G3, G4, or i-Mac
- Available USB port
- CD-ROM drive
- Mac O/S 8.6 or higher

5. Hard disk Installation

Follow the figures below to install hard disk.

5.1 Open the USB Hard disk enclosure (Figure 1 ~ 3)

Figure 1

Figure 2

5.2 Assemble the 3.5” hard disk. (Figure 4~ 6)

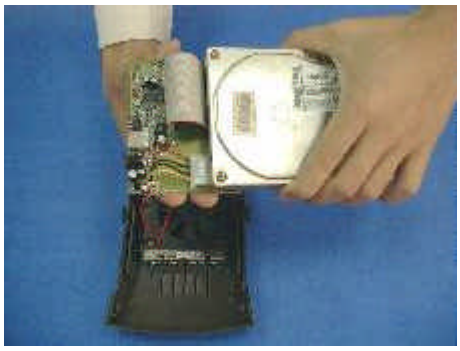


Figure 3

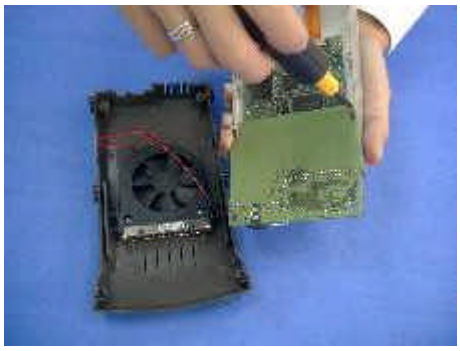


Figure 4

Figure 5

Figure 6

5.3 Close the hard disk enclosure. (Figure 7 ~ 9)

Figure 7

Figure 8

Figure 9

Figure 10

6. Driver Installation (WIN98&ME)

Follow the steps below to install Windows® 98 or Windows® ME driver of the USB to IDE 3.5 inch hard disk:

6.1 Power on the computers where you will connect USB to IDE 3.5 inch hard disk and make sure that the USB port is enabled and working properly.

6.2 Plug in the USB to IDE 3.5 inch hard disk into the USB port. Windows® will detect an unknown device and run the **Add New Hardware Wizard** to assist you in setting up the new device.

Add New Hardware Wizard
This wizard searches for new drivers for:
ATAPI-4 Bridge Controller
A device driver is a software program that makes a hardware device work.
< Back
Next >
Cancel

6.3 Insert the driver of USB to IDE 3.5 inch hard disk into CD-ROM drive, click **Next** to continue.

6.4 Select **Search for the best driver for your device** and click **Next**

Add New Hardware Wizard
What do you want Windows to do?
Search for the best driver for your device. (Recommended).
Display a list of all the drivers in a specific location, so you can select the driver you want.
< Back
Next >
Cancel

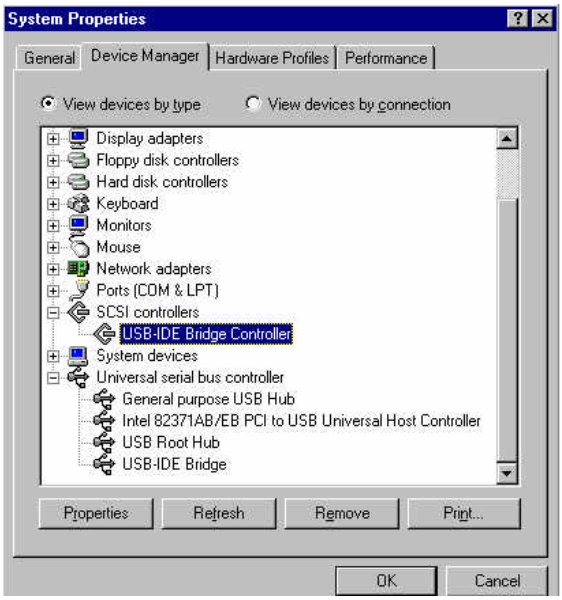
6.5 Select Specify a location and type **D:\Driver\USB-IDE 3.5 inch HDD enclosure\WIN98&ME** (D: represents CD-ROM) in the dialogue, then click **NEXT**

Add New Hardware Wizard
Windows will search for new drivers in its driver database on your hard drive, and in any of the following selected locations. Click Next to start the search.
Floppy disk drives
CD-ROM drive
Microsoft Windows Update
Specify a location:
D:\Driver\USB-IDE 3.5 inch HDD enclosure\WI
Browse...
< Back
Next >
Cancel

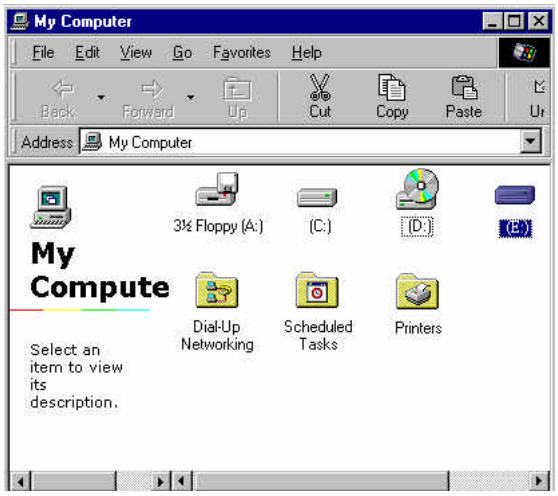
6.6 Windows® will detect the driver (**SCIBPL.inf**) and shows the **USB IDE Bridge** Click **NEXT** to continue until installation is complete.

Add New Hardware Wizard
Windows driver file search for the device:
USB-IDE Bridge
Windows is now ready to install the best driver for this device. Click Back to select a different driver, or click Next to continue.
Location of driver:
D:\DRIVER\USB-I~23.5IN\WIN98ME\SCIBF
< Back
Next >
Cancel

6.7 Click **Finish** to complete the setup process.



6.8 You can find 3.5 inch hard disk on " **My Computer** ". (IF the hard disk do not have FDISK and **FORMAT,** it could not be found.)



7. Driver Un-installation

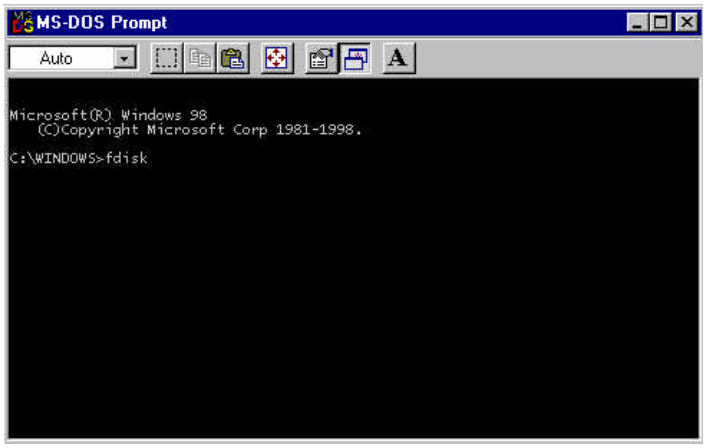
Follow the steps below to remove the USB IDE 3.5" hard disk driver from Windows system:

7.1 Click the **D:\Driver\USB-IDE 3.5inch HDD enclosure\WIN98&ME\Uninstall.EXE** to uninstall the driver then click OK

7.2 After removed all driver you have to reboot your computer

8. Troubleshooting

If you have successfully installed the driver, but can't see the new hard disk on
8.1 " My Computer ", please check the following points.
8.2 Go to the " MS-DOS Prompt ", FDISK and FORMAT the hard disk. (Please refer MS-DOS instruction)



9. Driver Installation (WIN2000)

Follow the steps below to install Windows® 2000 driver of the USB to IDE 3.5 inch hard disk:

9.1 Power on the computers where you will connect USB to IDE 3.5 inch hard disk and make sure that the USB port is enabled and working properly.
9.2 Plug on the DC POWER in the USB to IDE 3.5 inch hard disk and plug into the USB port. Windows® will detect an unknown device and run the **Found New Hardware Wizard**. to assist you in setting up the new device.

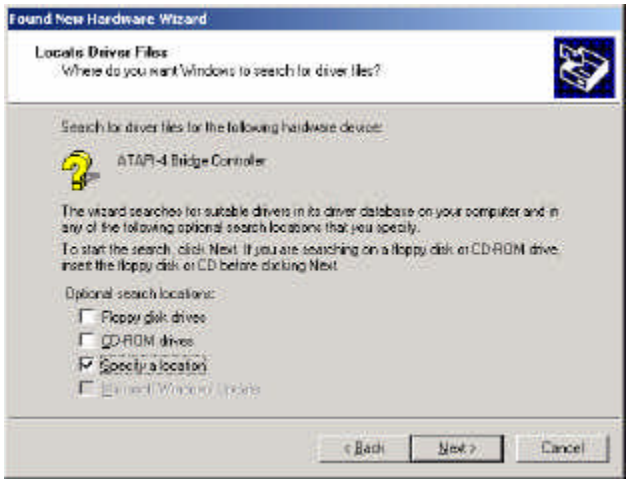
Found New Hardware Wizard
Welcome to the Found New Hardware Wizard
This wizard helps you install a device driver for a hardware device.
To continue, click Next.
< Back
Next >
Cancel

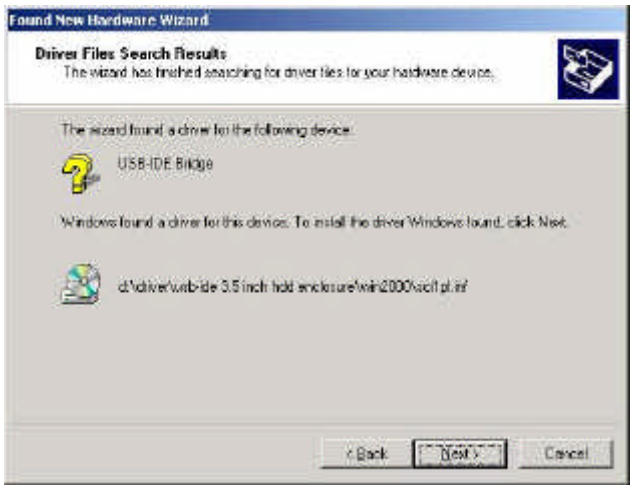
9.3 Insert the driver of USB to IDE 3.5 inch hard disk into CD-ROM drive, click **Next** to continue

9.4 Select the **Search for a suitable driver for my device (recommend)** and click next.

Found New Hardware Wizard
Install Hardware Device Drivers
A device driver is a software program that enables a hardware device to work with an operating system.
This wizard will complete the installation for this device:
ATAPI 4 Bridge Controller
A device driver is a software program that makes a hardware device work. Windows needs driver files for your new device. To locate driver files and complete the installation click Next.
What do you want the wizard to do?
Search for a suitable driver for my device (recommended)
Display a list of the known drivers for this device so that I can choose a specific driver
< Back
Next >
Cancel

9.5 Select specify a location the select a CD-ROM drive and type **D:\DRIVER\USB-IDE 3.5 inch HDD enclosure\WIN2000** (D: represents CD-ROM then click NEXT.

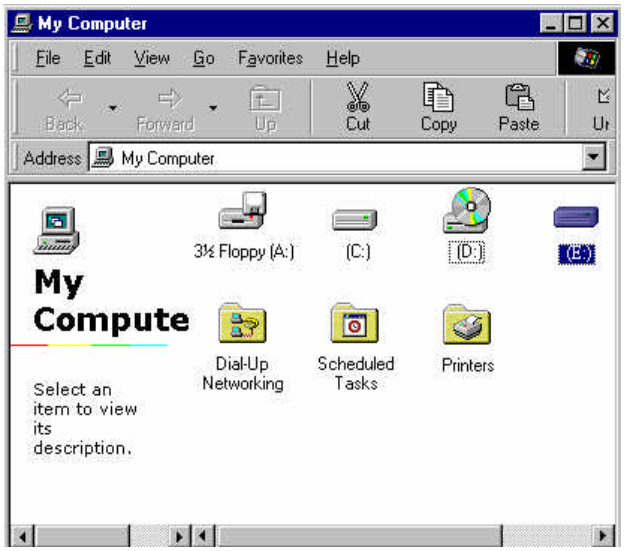

Found New Hardware Wizard
Locate Driver Files
Where do you want Windows to search for driver files?
Search for driver files for the following hardware device:
ATAPI-4 Bridge Controller
The wizard searches for suitable drivers in its driver database on your computer and in any of the following optional search locations that you specify.
To start the search, click Next. If you are searching on a floppy disk or CD-ROM drive, insert the floppy disk or CD before clicking Next.
Optional search locations:
Floppy disk drives
CD-ROM drives
Specify a location
< Back
Next >
Cancel


Found New Hardware Wizard
Driver Files Search Results
The wizard has finished searching for driver files for your hardware device.
The wizard found a driver for the following device:
USB-IDE Bridge
Windows found a driver for this device. To install the driver Windows found, click Next.
d:\driver\usb-ide 3.5 inch hdd enclosure\win2000\scif pl.inf
< Back
Next >
Cancel

9.6 Click **Finish** while installation is complete.

9.7 After finish installation it will appear **Digital Signature Not Found** you should choose **YES** to make the SCSI Adapter working correctly.

9.8 You can find 3.5 inch Hard disk on " **My Computer** ". (IF the hard disk do not have **FDISK** and **FORMAT,** it could not be found.)



10. Driver Un-installation

Follow the steps below to remove the USB IDE 3.5" hard disk driver from Windows system:

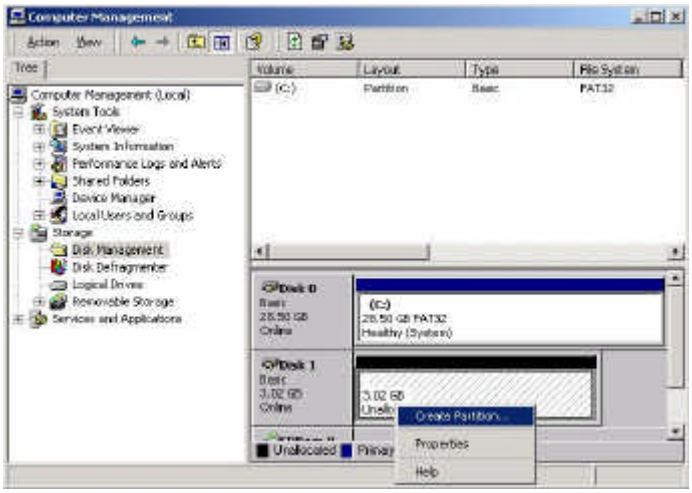
10.1 Click the **D:\Driver\USB-IDE 3.5 inch HDD enclosure\WIN2000\Uninstall.EXE** to uninstall the driver then click OK

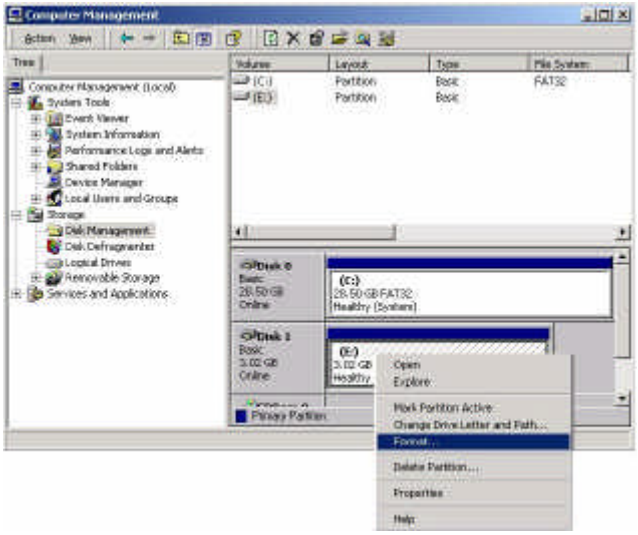
10.2 After removed all driver you have to reboot your computer

11. Troubleshooting

If you have successfully installed the driver, but can't see the new hard disk on " **My Computer** ", please check the following points.

11.1 Go to the **Control Panel-Administrative Tools-Computer Management-Disk Management**, and then choose the new HD. Then following the steps to FDISK and FORMAT the hard disk.





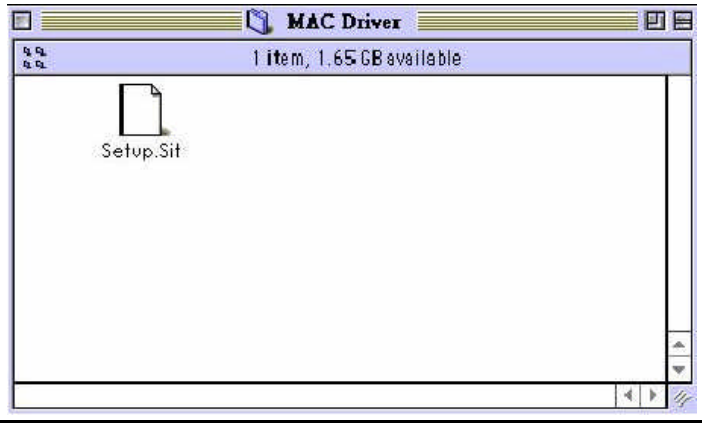
12 Driver installation(MAC)

Before you start installing the driver. Please DO NOT connects your USB to IDE 3.5" hard disk into the USB port of your Apple computer.

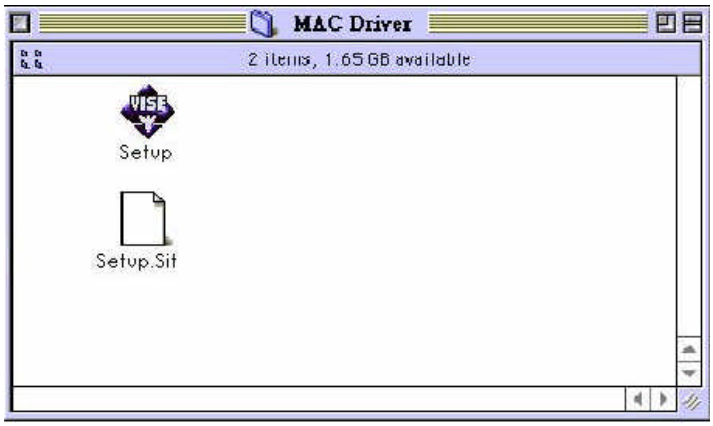
Follow the steps below to install MAC driver of the USB to IDE 3.5" hard disk:

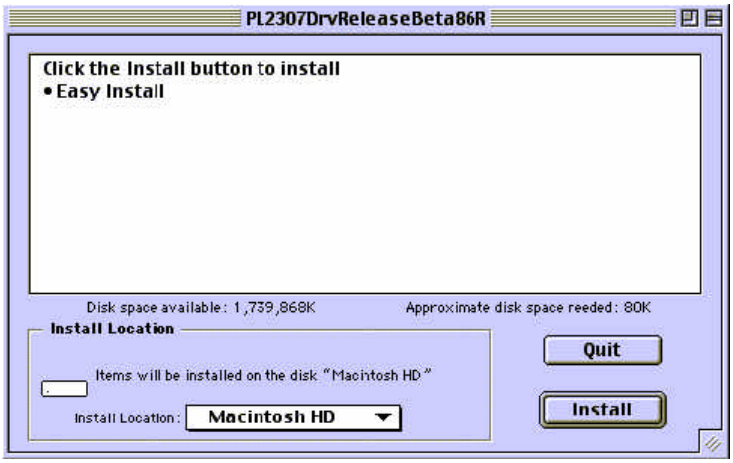
12.1 Power on the computers where you will connect USB to IDE 3.5" hard disk and make sure that the USB port is enabled and working properly.

12.2 Insert the USB to IDE 3.5" hard disk driver CD-ROM into the CD-ROM drive and click D:\Driver\ **USB-IDE 3.5" HDD enclosure**\MAC\Setup.sit



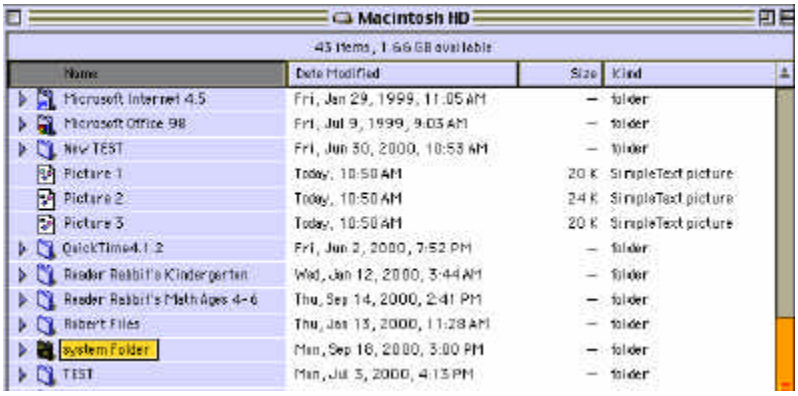
12.3 You can finding the install driver **(Setup.Sit)** and click it.

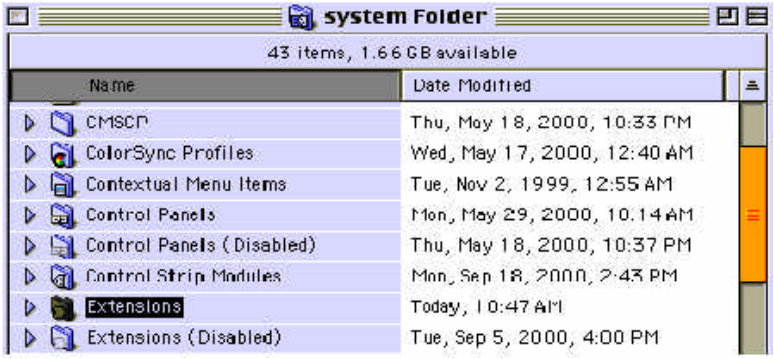




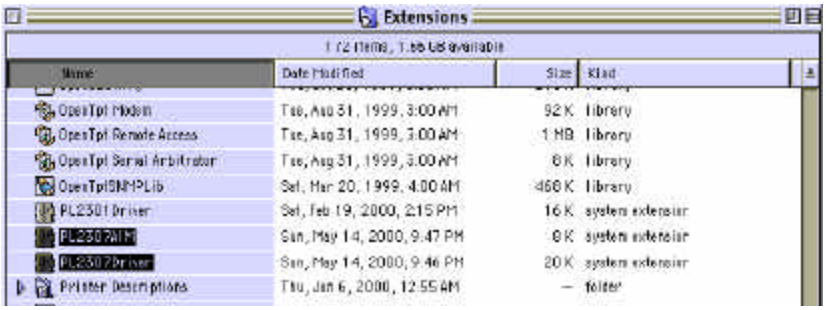
No installation was necessary. The files to be installed are already on your disk, or are not needed for your hardware setup.
If you are finished, click Quit to leave the Installer. If you wish to perform additional installations, click Continue.
Continue
Quit

12.4 Click Macintosh HD-system Folder-Extensions.





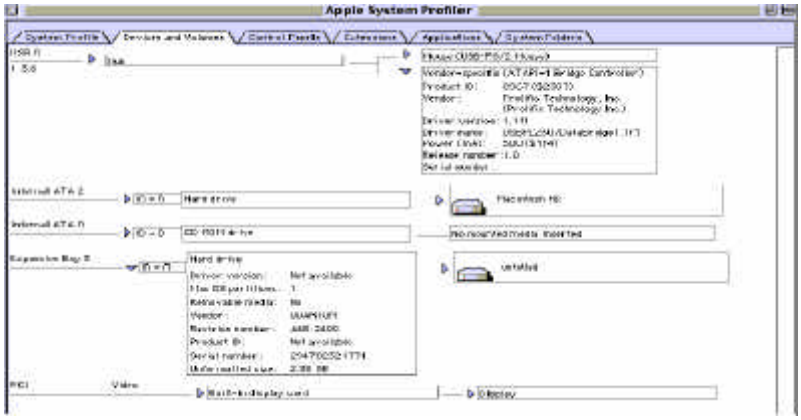
12.5 Finding the **PL2307AIM** and **PL2307Driver** to Extensions file



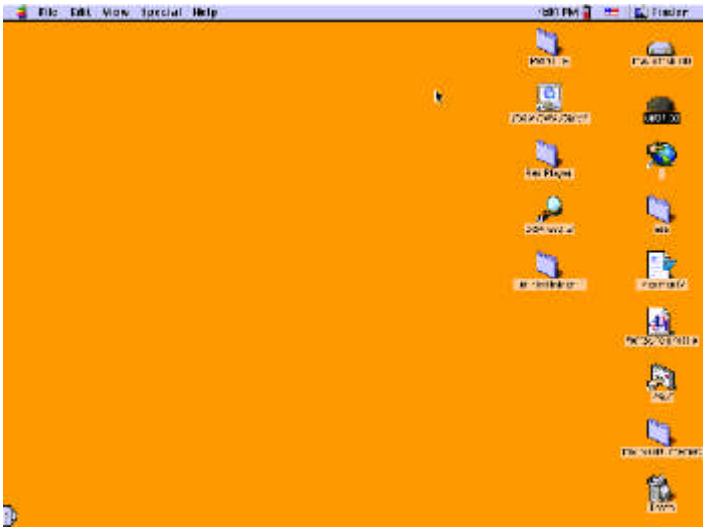
12.6 Plug in the USB to IDE 3.5" hard-disk and DC power adapter (IF hard disk isn't**MAC OS system,** it can't be found and see the Troubleshooting **item** format hard disk.)

(**Attention:** The Hard-disk is jumper must be on the Master site)

12.7 Make sure that apple computer can detecting the USB to IDE 3.5" hard-disk, click the **Apple System Profiler-Device and Volumes** had new hard-disk



12.8 The desktop can see the extend HD icon.



12.9 If you want to plug out the USB to IDE 3.5" hard-disk must throw the extend HD into the trash can to avoid the error happen

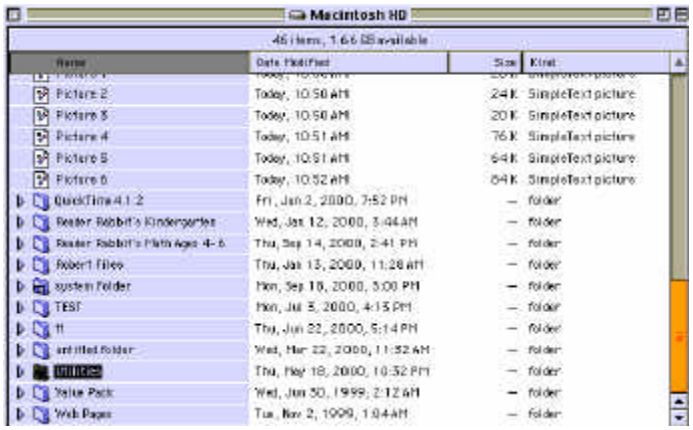
13 Troubleshooting (MAC driver)

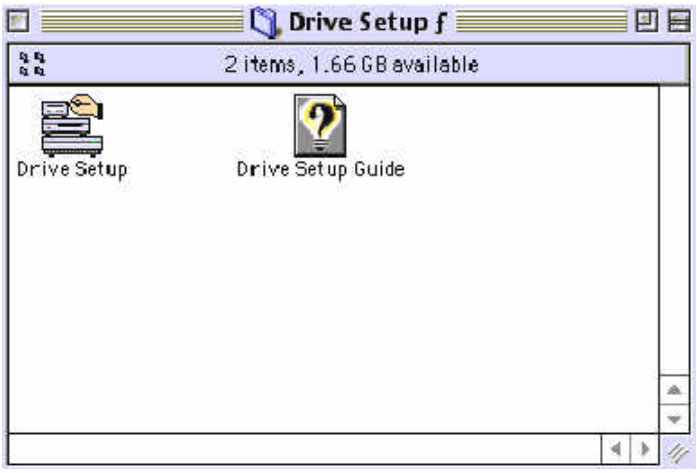
If you have successfully installed the driver, but can't see the new hard disk on **Desktop** ", please check the following points.

13.1 If the device is PC windows system or new Hard-disk must follow the steps below to format.

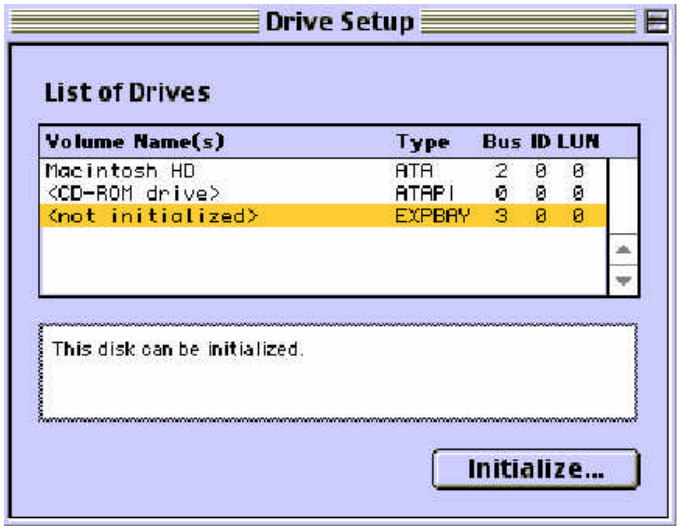
(**Attention:** If the hard disk is PC windows system following this step can be delete the information)

13.2 In Macintosh HD, click Utillties-Drive Setup f-Drive Setup)

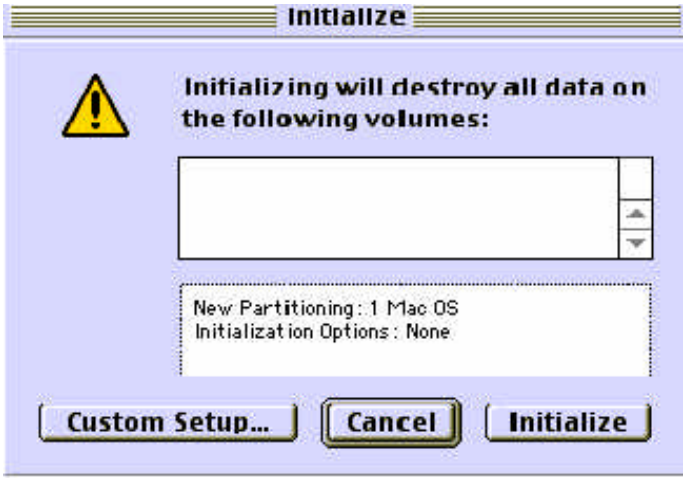


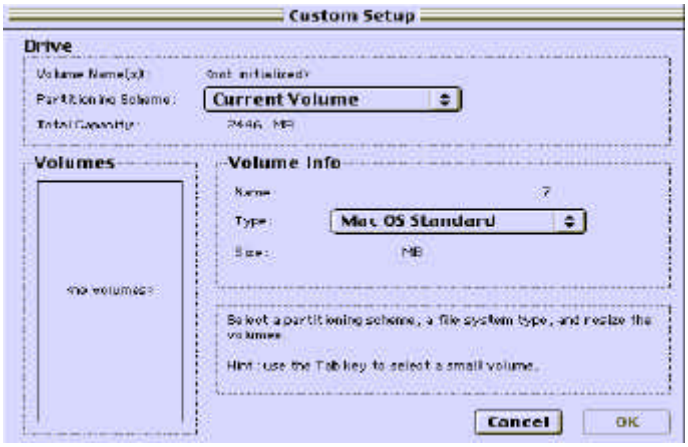


13.3 In Drive Setup-List of Drivers-Volumes Name(s) it will appears ATA device and<not initialized>.

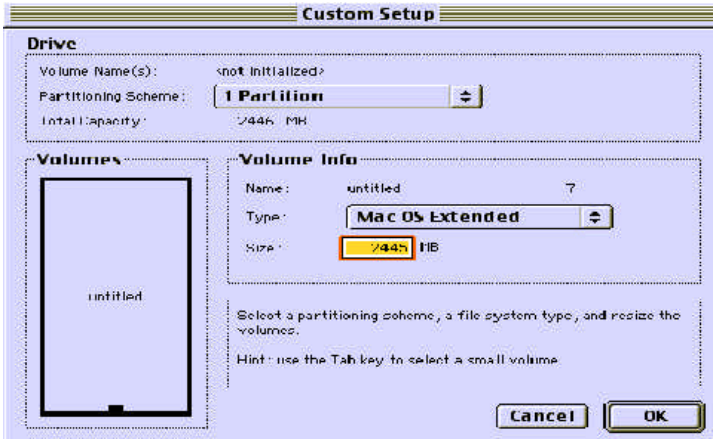


13.4 Click not initialized then click Initializ-Custom Setup

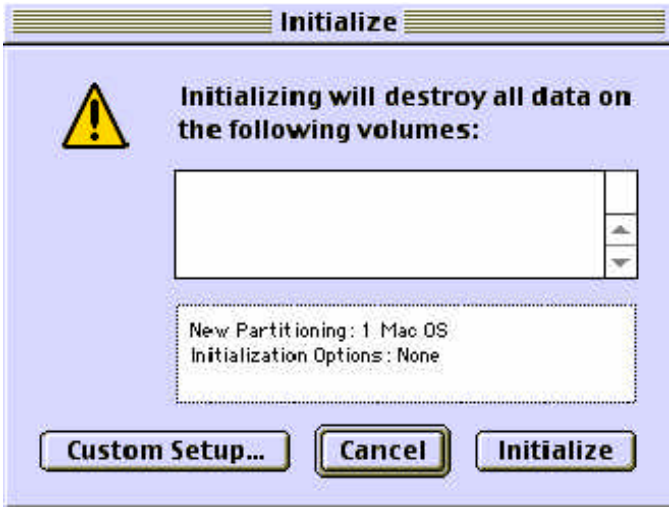


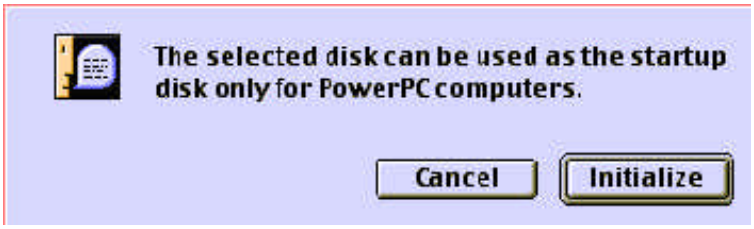


13.5 Choose the Partition quantity under the **Drive**. Choose the **Mac OS Extend** in the **Volume Info'S Type** then click **OK.**



13.6 Click **Initialize**. After Partition the hard disk finished. It will appear an Untitled hard- disk on the "DESKTOP".





13.7 Now you can start use your new hard-disk

14 Driver Un-installation

Follow the steps below to remove the USB IDE 3.5" hard disk driver from MAC system:

14.1 Move the Hard-Disk to the trash can

14.2 Delete the PL2307AIM and PL2307DRIVER

14.3 After removed all driver you have to reboot your computer

15 Disclaimer

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16 FCC Statement

This device generates and uses radio frequency and may cause interference to radio and television reception if not installed and used properly. This has been tested and found to comply with the limits of a Class B computing device in accordance with the specifications in Part 15 of FCC Rules. These specifications are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this device does cause harmful interference to radio or television reception, which can be determined by plugging the device in and out, the user can try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the device and receiver.
- Connect the computer into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help. Consult the dealer or an experienced radio/TV technician for help.